

Substitute for form 1449/PTO
(Revised 04/2003)

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet 1 of 1

Complete if Known

Application Number 10/035,420
Filing Date October 25, 2001
First Named Inventor Wolfe
Group Art Unit 1644
Examiner Name Not yet assigned
Attorney Docket Number PP16022.004 (035784/240411)

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No.	Document Number Number - Kind Code (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages of Relevant Figures Appear

FOREIGN PATENT DOCUMENTS

Examiner Initials	Cite No.	Foreign Patent Document Country Code - Number Kind Code (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	English Language Translation Attached
Ar	31	EP 0 360 937	04-04-1990	Cetus Corporation		
	32	WO 98/27211	06-25-1998	Universidade Federal De Minas Gerais		
	33	WO 02/080976	10-17-2002	Chiron Corporation		

OTHER DOCUMENTS

Examiner Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	English Language Translation Attached
Ar	34	LEE, J.K., et al., "Purification of Human Interferon- β from Recombinant <i>E. coli</i> ," <i>Korean Biochemical Journal</i> , 1990, pp. 166-171, Vol. 23(2).	
	35	PEPINSKY, R.B., "Selective Precipitation of Proteins from Guanidine Hydrochloride-Containing Solutions with Ethanol," <i>Analytical Biochemistry</i> , 1991, pp. 177-181, Vol. 195.	
	36	RUSSELL-HARDE, D., et al., "The Use of Zwittergent 3-14 in the Purification of Recombinant Human Interferon- β Ser ¹⁷ (Betaseron)," <i>Journal of Interferon and Cytokine Research</i> , 1995, pp. 31-37, Vol. 15(1).	
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Examiner
Signature

[Signature]

Date
Considered

2-18-01

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<i>Ar</i>	38	EP 0 215 658 B1	06-01-1994	Cetus Oncology Corporation		

OTHER DOCUMENTS

Examiner Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	English Language Translation Attached

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Substitute for form 1449A/PTO (Revised 10/2001)		C mplete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)		Application Number	10/035,420
		Filing Date	October 25, 2001
		First Named Inventor	Wolfe
		Group Art Unit	1644
		Examiner Name	Not yet assigned
Sheet 1 of 3	Attorney Docket Number	PP16022.004 (35784/2404)	

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U. S. PATENT DOCUMENTS					
Examiner Initials*	Cite No.	Document Number Number - Kind Code (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages of Relevant Figures Appear
H ↓ V	1	US-4,462,940	07-31-1984	Hanisch <i>et al.</i>	
	2	US-4,816,440	03-28-1989	Thomson, J.W.	
	3	US-4,894,330	01-16-1990	Hersheson <i>et al.</i>	
	4	US-4,931,543	06-05-1990	Halenbeck <i>et al.</i>	
	5	US-4,992,271	02-12-1991	Fernandes <i>et al.</i>	
	6	US-5,162,507	11-10-1992	Wolfe <i>et al.</i>	
	7	US-5,643,566	07-01-1997	Hanisch <i>et al.</i>	
	8	US-5,702,699	12-30-1997	Hanisch <i>et al.</i>	

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H ↓ V	9	WO 95/31479	11-23-1995	Inhale Therapeutic Systems, Inc.		
	10	EP 0 217 645 B1	04-08-1987	Cetus Corporation		
	11	EP 0 270 799 B1	06-15-1988	Cetus Oncology Corporation		

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(Revised 10/2001)

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet 2 of 3

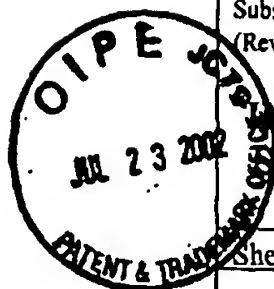
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OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

Examiner Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T
[Signature]	12	AHN, J., <i>et al.</i> , "Investigation of Refolding Condition for Pseudomonas Fluorescens Lipase by Response Surface Methodology," <i>J. Biotechnol.</i> , 1997, pp. 151-160, Vol. 54(3).	.
	13	BAM, N., <i>et al.</i> , "Molten Globule Intermediate of Recombinant Human Growth Hormone: Stabilization with Surfactants," <i>Biotechnol. Prog.</i> , 1996, pp. 801-809, Vol. 12(6).	.
	14	CARPENTER, J., and J.H. CROWE, "The Mechanism of Cryoprotection of Proteins by Solutes," <i>Cryobiology</i> , 1988, pp. 244-255, Vol. 25(3).	.
	15	CHARMAN, S., <i>et al.</i> , "Techniques for Assessing the Effects of Pharmaceutical Excipients on the Aggregation of Porcine Growth Hormone," <i>Pharm. Res.</i> , 1993, pp. 954-962, Vol. 10(7).	.
	16	CLELAND, J., <i>et al.</i> , "Polyethylene Glycol Enhanced Protein Refolding," <i>Biotechnology</i> , 1992, pp. 1013-1019, Vol. 10(9).	.
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	20	EDY, V., <i>et al.</i> , "Stable and Unstable Forms of Human Fibroblast Interferon," <i>Infect. Immun.</i> , 1977, pp. 445-448, Vol. 16(2).	.
	21	GAUTHIER, M., and P. A. PATSTON, "Reactivation of C1-Inhibitor Polymers by Denaturation and Gel-Filtration Chromatography," <i>Anal. Biochem.</i> , 1997, pp. 228-233, Vol. 248(2).	.
[Signature]	22	HOURY, W., <i>et al.</i> , "The Nature of the Initial Step in the Conformational Folding of Disulphide-Intact Ribonuclease A," <i>Nat. Struct. Biol.</i> , 1995, pp. 495-503, Vol. 2(6).	.
	23	JARIWALLA, R., <i>et al.</i> , "The Reactivation of Human Interferons by Guanidine Thiocyanate," <i>Experientia</i> , 1980, pp. 1390-1391, Vol. 36(12).	.
	24	KENDRICK, B., <i>et al.</i> , "Quantitation of the Area of Overlap Between Second-Derivative Amide I Infrared Spectra to Determine the Structural Similarity of a Protein in Different States," <i>J. Pharm. Sci.</i> , 1996, pp. 155-158, Vol. 85(2).	.
	25	MUZAMMIL, S., <i>et al.</i> , "Molten Globule-Like State of Human Serum Albumin at Low pH," <i>Eur. J. Biochem.</i> , 1999, pp. 26-32, Vol. 266(1).	.



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		Group Art Unit	1644		
		Examiner Name	Not yet assigned		
Sheet	3	of	3	Attorney Docket Number	PP16022.004 (35784/240411)

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OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS			
	26	ROZEMA, D., and S. H. GELLMAN, "Artificial Chaperone-Assisted Refolding of Denatured-Reduced Lysozyme: Modulation of the Competition Between Renaturation and Aggregation," <i>Biochemistry</i> , 1996, pp. 15760-15771, Vol. 35(49).	.
	27	ROZEMA, D., and S. H. GELLMAN, "Artificial Chaperone-Assisted Refolding of Carbonic Anhydrase B," <i>J. Biol. Chem.</i> , 1996, pp. 3478-3487, Vol. 271(7).	.
	28	TODHUNTER, R., <i>et al.</i> , "Structure of Equine Type I and Type II Collagens," <i>Am. J. Vet. Res.</i> , 1994, pp. 425-431, Vol. 55(3).	.
	29	WEIR, M., <i>et al.</i> , "Micropreparative Purification of Recombinant Human Interleukin-2," <i>J. Chromatogr.</i> , 1987, pp. 209-215, Vol. 396.	.
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<i>W</i>	39	KR 9 306 706 B	07-23-1993	Lucky Ltd.		
OTHER DOCUMENTS						
Examiner Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s) , volume-issue number(s), publisher, city and/or country where published.				English Language Translation Attached
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